OF PERENT SOLISHING AND CLEANING COMPOUND DEVICE

BACKGROUND OF THE INVENTION

This invention relates to a polishing and cleaning compound device which polishes and cleans both surfaces of a thin disc-shaped work piece in series such as a substrate for magnetic discs, a wafer, a glass substrate for a liquid-crystal display and a glass substrate for photomask.

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JP 2002-254301 A discloses a polishing device which holds careers having a plurality of holes for holding a plurality of work pieces between upper and lower press pratens and makes them revolve and rotate on its own axis in normal and inverse directions alternatively to polish both sides of a plurality of work pieces.

JP 2001-144057 A discloses that, for example, a process for polishing surfaces of wafers is constituted of a plurality of polishing processes such as a rough polishing process, a precise polishing process, and a finish process, whose problem is to well remove slurry which is clung on wafers when the wafers are moved between the polishing stations. Accordingly, the patent reference discloses that the wafers are washed in a condition held on holding heads and washed in a condition installed on a holding base, and further, that the holding heads are washed independently.

Currently, there is a demand to polish a large number of thin disc-shaped work pieces such as wafers, and up to now, as disclosed in JP 2002-254301 A, a plurality of work pieces are polished once by making a plurality of careers each of which can receive a plurality of work pieces and revolve and rotate on its axis between the upper and the lower press

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